IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Wan-Thai Hsu, John R. Clark, and Clark T.-C. Nguyen

Serial No.: To be Assigned

Filed: Filed Herewith

For: Method For Making Micromechanical Structures Having At Least One Lateral

Small Gap Therebetween And Micromechanical Device Produced Thereby

Attorney Docket No.: UOM 0210 PUSP 1

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)(1)

Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and § 1.97-1.98, the references listed and identified on the attached Form PTO/SB08A are being submitted herewith for consideration by the Examiner. This Statement is being filed in accordance with 37 C.F.R. § 1.97(b)(1).

While this Statement is being filed in compliance with the duty of disclosure, citation of the attached references is not to be construed as an admission that any of the references are "material" as defined under 37 C.F.R. § 1.56(b).

In accordance with 37 C.F.R. § 1.98(d), copies of the cited references are not being provided since the references were previously cited by or submitted to the Patent and Trademark Office in prior application Serial No. 09/938,411 filed August 23, 2001 (pending) of which the present application is a continuation.

Respectfully submitted,

Wan-Thai Hsu, et al.

Date: July 24, 2003

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Substitute to	r Form 1449A/PTC	)		Complete if Known		
:				Application Number	Unknown	
INFORMATION DISCLOSURE				Filing Date	Herewith	
STATEMENT BY APPLICANT			PLICANT	First Named Inventor	Wan-Thai, Hsu, et al.	
				Group Art Unit	Unknown	
(use as many sheets as necessary)			ecessary)	Examiner Name	Unknown	
Sheet	1	of	2	Attorney Docket Number	UOM 0210 PUSP 1	

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.1	U.S. PATENT D	OCUMENT Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		5,082,242		Bonne et al.	01-21-1992	
		5,455,547		Lin, et al.	10-03-1995	
		5,491,604		Nguyen et al.	02-13-1996	
		5,537,083		Lin, et al.	07-16-1996	
		5,589,082		Lin, et al.	12-31-1996	
		5,640,133		MacDonald et al.	06-17-1997	
		5,839,062		Nguyen et al.	11-17-1998	
		5,914,553		Adams et al.	06-22-1999	
		5,955,932		Nguyen et al.	09-21-1999	
		6,167,757		Yazdi et al.	01-02-2001	
		6,236,281		Nguyen et al.	05-22-2001	
		6,249,073		Nguyen et al.	06-19-2001	
		6,204,737		Ella, Juha	03-20-2001	
		6,265,806		Suzuki, Kenichiro	07-24-2001	
		6,305,779		Capurso et al.	10-23-2001	
		6,316,827		Asano et al.	11-13-2001	
		6,393,913		Dyck_et al.	07-28-2002	
		6,448,622	B1	Franke et al.	09-10-2002	
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FOREIGN PATENT DOCUMENTS								
Examiner	Cite No.¹	Office <sup>3</sup>	Foreign Patent Doo	cument Kind Code <sup>5</sup> ( <i>if known</i> )	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
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Examiner	Date	
Signature	Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Substitute for Form 1449B/PTO				Complete if Known			
INICODMATION DICOLOCUDE				Application Number	Unknown		
STATEMENT BY APPLICANT				Filing Date	Herewith		
				First Named Inventor	Wan-Thai Hsu, et al.		
				Group Art Unit	Unknown		
	(use as many she	ets as	s necessary)	Examiner Name	Unknown	. * *	
Sheet	2	of	2	Attorney Docket Number	UOM 0210 PUSP 1		
	OTHER P	RIO	R ART NON P	ATENT LITERATUR	RE DOCUMENTS		
Examiner Initials	Cite No.1		m (book, magazine, journal, s	CAPITAL LETTERS), title of the article (when appropriate), title of the serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), plisher, city and/or country where published.			
		HSU, WAN-THAI, ET AL., A Sub-Micron Capacitive Gap Process For Multiple-Metal-Electrode Lateral Micromechanical Resonators, Technical Digest, IEEE Int. Micro Electromechanical Systems Conf., Interlake, Switzerland, January 21-25, 2001, pp. 349-352.					
		HSU, WAN-THAI, ET AL., Mechanically Temperature-Compensa Flexural-Mode Micromechanical Resonators, Technical Dige IEEE Int. Electron Devices Meeting, San Francisco, California, Dec. 11-13, 2000, pp. 399-402.					
		CLARK, JOHN R., ET AL., High-Q VHF Micromechanical Contour Mode Disk Resonators, Technical Digest, IEEE Int. Electron Devices Meeting, San Francisco, California, December 11-13 2000, pp. 493-496.					
		CLARK, JOHN R., ET AL., Measurement Techniques For Capacitively-Transduced VHF-to-UHF Micromechanical Resonators, Digest of Technical Papers, the 11 <sup>th</sup> Int. Conf. on Solid-State Sensors & Actuators, Munich, Germany, June 10-14, 2001, pp. 1118-1121.					
		C. TC. NGUYEN, "Micromachining technologies for miniaturized communication devices," Proceedings of SPIE: Micromachining and Microfabrication, Sept. 20-22, 1998, pgs. 24-38					
T. HIRANO et al., "Design, Fabrication, and Operation Submicron Gap Comb-Drive Microactuators," Journal of Microelectromechanical Systems, March 1992, No. 1, po				s," Journal of			
J.R. TUCKER et al., "Nanoscale FETs and STM Lithograph University of Illinois, 1995, pgs. 425-434							
	C. TC. Nguyen, "High-Q Micromechanical Oscillators and Filters For Communications," Int'l Symposium on Circuits and Systems, June 9-12, 1997, pgs. 2825-2828				oosium on Circuits		
	K. TANAKA, "Nanotechnology towards the 21 <sup>st</sup> Century," Thin Solid Films, 1999, pgs. 120-125						

Examiner	Date	1
Signature	Consider	ed

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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